

**Yadkin Project (FERC No. 2197)  
Rare, Threatened and Endangered (RTE) Species Survey**

**STUDY PLAN ADDENDUM  
FINAL RTE SPECIES LIST  
June, 2004**

This addendum sets forth the final list of RTE species for consideration as part of this study. This list was developed with the Wetlands, Wildlife and Botanical IAG, according to the procedures outlined in the Final Study Plan for this task, dated June 2003. A preliminary list was developed using a variety of state and federal rare species lists, including the current Natural Heritage Program (NHP) lists for the State and the 5 counties surrounding the project (Rowan, Montgomery, Davidson, Davie, and Stanley); the NHP map of known occurrences in the Project area; and US Fish and Wildlife Service (USFWS) lists for the State and counties. Other sources included reports and a list from the Uwharrie National Forests, an inventory for the Yadkin River Corridor, and contacts with multiple individuals with expertise in various listed species.

The preliminary list was presented to the WWB IAG at the October 8, 2003 meeting and circulated to members/agencies unable to attend. Revisions were made based on comments made at the meeting and received afterward. A final list was presented at the February 3, 2004 IAG meeting. The USFWS subsequently sent Alcoa a list of their recommended species, of which 18 were wetland terrestrial plants, mammals, reptiles, amphibians, and insects; 2 were birds, and 10 were fish and mussels.<sup>1</sup> Of the 18 species that fell within the purview of the terrestrial/wetland search, 8 were already on the list for active search (Priority, Secondary or Transmission line species), 9 had been considered and excluded, and 1 (an odonate) was an unlisted species by both the state and federal agencies. Normandeau reconsidered the excluded and unlisted species, and shifted one species, the timber rattlesnake, to the secondary list. This revised final list is attached.

Normandeau Associates will be enlisting the help of recognized experts for conducting the field surveys. Dr. Peter Diamond, NC Zoological Park, is a local botanist with expertise in rare species searches. Dr. Diamond has agreed to participate in the searches and will advise and accompany Normandeau during portions of the field work. Mr. Mark Lewis, a herpkeeper at the NC Zoological Park and field associate for the NC Museum of Natural Sciences, has conducted numerous surveys for snakes and amphibians in the region. Mr. Lewis has agreed to conduct surveys for listed herp species throughout the 2004 season. Normandeau will coordinate in the field with Mr. Lewis when our search periods overlap.

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<sup>1</sup> RTE bird species are being addressed as part of the Bald Eagle surveys and Avian inventories being conducted by the Center for Conservation Biology, and RTE fish and mussels species are being addressed through the reservoir and tailwater aquatic assessments being conducted by the Normandeau Associates fisheries group.